

Bohn, Diana
Page 1 of 1

-----Original Message-----

From: Diana Bohn [mailto:nicca@lsc.org]

Sent: Monday, April 26, 2004 8:31 AM

To: tom.grim@oak.doe.gov

Subject: DOE 10 Year plan for Livermore is a plan for disaster!

Diana Bohn
 618 San Luis Road
 Berkeley, CA 94707
 April 26, 2004

Mr. Tom Grim
 DOE, NNSA
 L283
 7000 East Ave
 Livermore, CA 94550

Dear Mr. Grim and Department of Energy:

The 10-year plan for Livermore Labs is absolutely appalling!

1/33.01 | 1. More than DOUBLING the limit for PLUTONIUM at Livermore Lab from 1,540 pounds to 3,300 pounds, enough to make more than 300 nuclear bombs. As you know, one microscopic particle of plutonium, if inhaled, can cause lung cancer or other diseases. This plan jeopardizes the health & lives of people in the Livermore area.

2/02.01 | 2. A BOMB PRODUCTION PLANT: This SWEIS plan makes Livermore Lab the place to test new technologies for MANUFACTURING PLUTONIUM PITS for nuclear weapons. Whatever happened to disarmament and non-proliferation? There is no other country that even remotely poses a nuclear threat. This kind of wasteful development puts resources in the wrong place as well as threatening to destroy the world. We should be concentrating on healthcare and education, not on nuclear proliferation!

3/39.01 | 3. Preparation for a return to FULL-SCALE, UNDERGROUND NUCLEAR TESTING: This plan also calls for Livermore Lab to develop diagnostics to "enhance" the nation's readiness to conduct full-scale underground NUCLEAR TESTS. This is a dangerous step back to the days of unrestrained nuclear testing.

4/27.01 | 4. REVIVAL of a project that was cancelled more than 10 years ago because it was dangerous and unnecessary. The project is called PLUTONIUM - ATOMIC VAPOR LASER ISOTOPE SEPARATION. This is a scheme to heat and vaporize plutonium and then shoot multiple laser beams through the vapor to separate out plutonium isotopes. To do this, Livermore Lab plans to increase how much plutonium can be used in a single room from 44 pounds to 132 pounds - a 3-fold increase. Plutonium - Atomic Vapor Laser Isotope Separation is both a health risk and a nuclear proliferation nightmare.

5/26.01 | 5. Adding PLUTONIUM, highly-enriched uranium and lithium hydride to experiments in National Ignition Facility (NIF) megalaser when it is completed at Livermore Lab. Using these materials in the NIF will increase its usefulness for nuclear weapons development. It will also make the NIF more hazardous to workers and the environment. We must stop NIF - and these dangerous, new experiments in it. The NIF was a big boondoggle in the first place!

6/34.01 | 6. Allowing the MANUFACTURE of radioactive TRITIUM TARGETS for the NIF megalaser on site at Livermore Lab. Making fusion targets will increase the amount of tritium that is used in any one room at the Livermore Lab from the current limit of just over 3 grams to 30 grams -- a nearly 10-fold increase.

I am extremely upset to learn of these plans!

7/07.01 | Please rethink the role of the Department of Energy! The Department should be concentrating on developing technologies for clean-up and for renewable energy sources!

Sincerely,

Diana Bohn

Booth, Elaine
Page 1 of 1

From: "Elaine Booth" <esbooth1@cox.net>

To: "Mr. Tom Grim" <tom.grim@oak.doe.gov>

Subject: My comments on six dangerous new programs being proposed at Liver more Lab

Date: Tue, 18 May 2004 18:09:06 -0700

Elaine Booth
 3 Winterbranch
 Irvine, CA 92604

May 18, 2004

Mr. Tom Grim
 DOE, NNSA L-293
 7000 East Ave.
 Livermore, CA 94550

Dear Mr. Grim:

1/02.01 | I write to you because the DOE has prepared a draft Site Wide Environmental Impact Statement (SWEIS) that proposes to ramp up nuclear weapons activities at the Livermore Lab in Northern California. Livermore Lab is working on the design of a new, high-yield nuclear bunker-buster, called the "Robust Nuclear Earth Penetrator," and I oppose its development. Additionally, I oppose the development of so-called "mini-nukes" and other new nuclear weapons concepts being researched at Livermore Lab.

2/07.01 | Instead of proposing new weapons projects, DOE should enhance the peaceful, civilian scientific capabilities and mission at Livermore Lab by proposing new, unclassified programs in environmental cleanup, non-polluting and renewable energy, earth sciences, astrophysics, atmospheric physics and others. The alternative of a "green lab" in Livermore should be pursued instead of the dangerous nuclear weapons future proposed by the Site Wide Environmental Impact Statement.

Sincerely,

Elaine Booth

Boudreau, Drew M.
Page 1 of 1

-----Original Message-----

From: Drew [mailto:peopleschampion@cox.net]

Sent: Monday, April 26, 2004 7:58 PM

To: tom.grim@oak.doe.gov

Subject: No Nuclear or Chemical tests

Mr. Grim,

1/04.01

As a Californian, American and anti-nuclear patriot, I urge you not to go through with the 10-year plan proposed by President Bush's ODE. Nuclear weapons are a threat to all humanity and their existence should be ended as quickly and safely as possible. America cannot continue the nuclear arms race by itself. And chemical weapons are dangerous and have no place in an American army, which has always had a fine reputation for justice and balance, while chemical weapons are torturous to their victims are indisputably cruel. Thank you for your consideration.

Drew Boudreau, Santa Ana, Ca.

Drew M. Boudreau
PeoplesChampion@cox.net

Bough, Patricia
Page 1 of 1

1/04.01,
32.04

Dear Tom,

Thank you for this opportunity to express individual feedback on the final LLNL SW/SPEIS. I oppose increased plutonium storage in the Superblock. I oppose increased plutonium material-at-risk limits in two rooms in the Plutonium Facility. I oppose increased Tritium Facility limits. I object to the use of proposed materials on the NIF.

I, as a resident of Livermore and as a US citizen, support scientific research and testing at LLNL for non-nuclear and non-destructive purposes in the human and physical environment only. Towards this goal, I thank you and other employees.

Sincerely,

Patricia Bough
454 Curlew Rd., Livermore CA 94551
May 27, 2004

Bournique, Roger
Page 1 of 1

-----Original Message-----

From: ROGER BOURNIQUE [mailto:rbournique@hotmail.com]

Sent: Wednesday, April 21, 2004 3:03 PM

To: Tom.grim@oak.doe.gov

Subject: Development of nuclear weapons

1/02.01,
32.04

Mr. Grim, please do everything in your power to dismantle all nuclear weapons. Even one is way too many. In this war on Iraq that is the current blasphemy. We have dumped about 350 thousand tons of depleted uranium on Iraq. Our troops and the Iraqi people will be suffering the effects of this for generations to come. This represents nuclear holocaust. I am a Buddhist and have devoted my life to non-violence. I hope you will see that developing any nuclear weapon will only serve to destabilize any chance for peace. The only reason they are being developed, as far as I can see, is to line the pockets of the military defense industries. Please, Mr. Grim, turn away from the development of this dangerous poison. Develop pathways to peace! Very sincerely yours, and hands together in gossoho, Roger Bournique

Bournique, Roger
Page 1 of 1

TOM GRIM
DOCUMENT MANAGER

DEAR MR. GRIM,

HELLO, MR. GRIM. I AM A BUDDHIST LAYPERSON IN THE NICHIREN TRADITION.

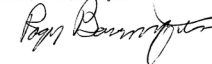
I HOPE YOU WILL TAKE A MOMENT TO READ MY LETTER.

1/04.01

I UNDERSTAND FROM WHAT I'VE BEEN READING IN THE PAPER THAT LIVERMORE LABORATORIES WILL BE EXPANDING, AND THE AMOUNT OF PLUTONIUM STORED THERE WILL BE DOUBLED. I FEEL THIS A GRAVE MISTAKE. NOT ONLY ARE THE LABS CLOSE TO MAJOR POPULATION CENTERS, BUT ALSO IN AN AREA THAT IS SEISMICLY ACTIVE. PLUTONIUM IS FAR TO POISONOUS A SUBSTANCE TO BE HANDLED WITH ABSOLUTE SAFETY. I ALSO FEEL THAT THE PRODUCTION OF ANY NUCLEAR WEAPONS OR SUBSTANCES IS MORALLY AND SPIRITUALLY WRONG. THE VERY FIRST PRECEPT IN THE TRADITION WHICH I STUDY AND PRACTICE IS, 'NOT TO KILL.' I MUST DO EVERYTHING I CAN AS A PROVISIONAL, AND INTEGRAL PART OF THIS VAST, DELICATE AND IMPERMANENT HUMAN FAMILY TO SPEAK WITH RESPECT AND NON-VIOLENCE TO THOSE WHO ARE IN A POSITION TO HELP AND MAKE A DIFFERENCE. THERE IS A SAYING THAT ONE CANNOT SIMULTANEOUSLY PREPARE FOR AND PREVENT WAR. THE ONLY WAY WE AS A HUMAN FAMILY CAN ACHIEVE A PEACEFUL WORLD IS TO TAKE THE FIRST STEP AND VOW TO MAKE NON-VIOLENCE A PRIORITY IN OUR HEARTS AND DIRECT THE PEACEFUL PRACTICES TOWARD THE RESOLUTION OF WORLD HUNGER, EDUCATION, CONFLICT RESOLUTION, SAFE AND NON-POLLUTING ENERGY SOURCES. THE LAST BEING SOMETHING YOU WOULD BE VERY GOOD AT, MR. GRIM.

PLEASE MR. GRIM TAKE A MOMENT, JUST A MOMENT TO STEP BACK AND WITH MINDFULNESS, CONSIDER THE OPTION OF NUCLEAR DISARMAMENT AND THE PRODUCTION OF SAFE AND NON-POLLUTING ENERGY RESOURCES, I.E., SUN, WIND, TIDAL, METHANE, AND POSSIBLY HYDROGEN PRODUCED FROM CRACKING WATER. THANK YOU FOR READING MY LETTER. HANDS HELD TOGETHER IN GOSSHO, THAT IS RESPECT.

ROGER BOURNIQUE



Bouyea, Lauren D.
Page 1 of 1

Dear Mr. Grim,

I am writing in regards to the draft Site-Wide Environmental Impact Statement for the proposed 10-year plans at the Lawrence Livermore National Laboratory. I had the privilege and pleasure to attend the public hearings regarding the proposed changes in Livermore on April 27, and was deeply moved by the eloquence and power of the speakers present. I am writing in accord with those speakers to ask that the plan not be implemented, and that all nuclear weapon creation be phased out at Lawrence Livermore, for environmental, health, security, and ethical reasons.

1/04.01 The lethal effects of nuclear waste and dangerous radioactive materials such as tritium and plutonium are well-documented. Cancer and asthma rates are high in Livermore, as they are in most communities that have been touched by nuclear testing. Livermore wines cannot be sold in Europe because the tritium levels of the wines are three times the European allowable rate. Livermore suffers from air pollution and contaminated water due to the work at the lab. The creation of nuclear weapons threatens Americans' safety for these reasons and also by encouraging other nations to create weapons of their own. By violating the Nuclear Non-Proliferation Act, America sets a poor example for the rest of the world. Instead of being a leader for peace and mature international relations, America uses its disproportionate wealth to create weapons of mass destruction in order to intimidate and incite fear. Livermore Labs is the root source of this action, and if the 10-year plan is implemented, it will only exacerbate an already dangerous situation. This is not a sustainable practice. This cannot last long.

2/07.01 The amazing minds at Livermore should be applied towards finding solutions for dealing with our existing nuclear waste and creating alternative energy technologies that will carry us forward many years into the future. I urge you to reflect on the comments submitted by myself and others with full attention and care, with your mind and heart. What a grave and far-reaching decision lies before you.

Thank you for your time, and peace be with you.

Sincerely,
Lauren D. Bouyea
1601 Shoreline Highway
Muir Beach, CA 94965

Bowman, Margaret
Page 1 of 2

Margaret Bowman

*We
Let ~~the~~ Present the Really big picture
for the Dip't. of Energy*

If the Earth
were only a few feet in
diameter, floating a few feet above
a field somewhere, people would come
from everywhere to marvel at it. People would
walk around it, marveling at its big pools of water,
its little pools and the water flowing between the pools.
People would marvel at the bumps on it, and the holes in it,
and they would marvel at the very thin layer of gas surrounding
it and the water suspended in the gas. The people would
marvel at the creatures walking around the surface of the ball,
and at the creatures in the water. The people would declare it
as sacred because it was the only one, and they would protect
it so that it would not be hurt. The ball would be the
greatest wonder known, and people would come to
pray to it, to be healed, to gain knowledge, to know
beauty and to wonder how it could be. People
would love it, and defend it with their lives
because they would somehow know that
their lives, their own roundness, could
be nothing without it. If the
earth were only a few
feet in diameter. *Unknown author.*

1/02.01

*We
ask you eliminate the escalation of nuclear
weapon development at Lawrence Livermore Laboratory
accompanied by a prayer that our best and brightest
scientific minds will be able to work for human
environmental betterment, shut the nuclear down.*

Bowman, Margaret

Page 2 of 2

Boydston, Stanley

Page 1 of 2

2/01.01,
08.01

4-27-04 aft.
session

(My name is Margaret Bowman. I live in the Oakland Hills.)

I wish to speak in support of the Curatorship option, particularly that area in which I support arms control and non-proliferation.

I represent the Ecology Group of St. John's Episcopal Church in Oakland, and am a founding member of the

Regional Episcopal Environmental Commission in S.F. I object to the national policy that supports the development of nuclear weaponry. The boomerang effect brings them around and back to hawks.

I hope you will consider this reflection a vision of what Earth can be.

3/02.01

Let me present the really big picture for the D.O.E.

Read the story

Ask the D.O.E. to eliminate ^{for nuclear} at least the escalation of nuclear weapons at this time. This request is accompanied by a prayer that our best and brightest scientific minds will be able to work for human and environmental betterment.

Shut the nuclear down!

From: "Stanley Boydston" <stanley159stanley@cox.net>
To: "Mr. Tom Grim" <tom.grim@oak.doe.gov>
Subject: My comments on six dangerous new programs being proposed at Livermore Lab
Date: Tue, 1 Jun 2004 13:53:30 -0700

Stanley Boydston
1328 de la guerra rd.
Stanley, ca 93103

June 1, 2004

Mr. Tom Grim
DOE, NNSA L-293
7000 East Ave.
Livermore, CA 94550

Dear Mr. Grim:

Please publicly oppose any new nuclear agendas other than a complete ban on any kind of nuke use, whether it be for energy or defense! Please consider this letter with my comments on the environmental and proliferation risks from proposed nuclear weapons development and new plutonium and tritium programs at the U.S. Department of Energy's (DOE) Lawrence Livermore National Laboratory (LLNL).

1/02.01

I write to you because the DOE has prepared a draft Site Wide Environmental Impact Statement (SWEIS) that proposes to ramp up nuclear weapons activities at the Livermore Lab in Northern California. Livermore Lab is working on the design of a new, high-yield nuclear bunker-buster, called the "Robust Nuclear Earth Penetrator," and I oppose its development. Additionally, I oppose the development of so-called "mini-nukes" and other new nuclear weapons concepts being researched at Livermore Lab.

Here are my comments on six dangerous new programs being proposed at Livermore Lab.

2/08.02

1. Storage of More Nuclear Materials: This plan will more than double the storage limit for plutonium at Livermore Lab from 1,540 pounds to 3,300 pounds. It would increase the radioactive tritium storage limit from 30 grams to 35 grams. I join California Peace Action and the Livermore-based Tri-Valley CAREs group in calling on DOE to de-inventory the plutonium and tritium stocks at Livermore Lab, not increase them.

3/27.01,

33.01

2. Plutonium Atomic Vapor Laser Isotope Separation (AVLIS): This plan will revive a project that was canceled more than 10 years ago because it was dangerous and unnecessary. The project is Plutonium AVLIS. This is a scheme to heat and vaporize plutonium and then shoot multiple laser beams through the hot vapor to separate out plutonium isotopes. To do this, Livermore Lab plans to increase the amount of plutonium that can be used at one time in any one room from 44 pounds to 132 pounds - a 3-fold increase. I join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for cancellation of this project.

4/26.01,

26.03

3. Dangerous New Experiments in the National Ignition Facility Mega-Laser: This plan will add plutonium, highly-enriched uranium and lithium hydride to experiments in the National Ignition Facility (NIF) mega-laser when it is completed at Livermore Lab. Using these materials in the NIF will increase its usefulness for nuclear weapons development. It will also make

Boydston, Stanley
Page 2 of 2

4/26.01 | the NIF more hazardous to workers and the environment. I join California
 26.03 | Peace Action and the Livermore-based Tri-Valley CAREs in calling for a
 cont. | close out of the NIF project and termination of plans to use plutonium and
 other new materials in it.

5/37.01 | 4. New Technologies for Producing Plutonium Bomb Cores: This plan makes
 Livermore Lab the place to test new manufacturing technologies for
 producing plutonium pits for nuclear weapons. A pit is the softball-sized
 piece of plutonium that sits inside a modern nuclear weapon and triggers
 its thermonuclear explosion. DOE says these new technologies will then be
 used in a new bomb core factory, called the Modern Pit Facility (MPF). The
 Livermore Lab plutonium pit program will enable the MPF and production of
 150 - 450 plutonium bomb cores annually, with the ability to run double
 shifts and produce 900 per year. This production capability would
 approximate the combined nuclear arsenals of France and China - each year.
 I join California Peace Action and the Livermore-based Tri-Valley CAREs in
 calling for termination of this technology development project.

6/39.01 | 5. Enhancing Readiness to Resume Full-Scale Nuclear Tests: This plan calls
 for Livermore Lab to develop diagnostics to "enhance" the nation's
 readiness to conduct full-scale underground nuclear tests at the Nevada
 Test Site. This is a dangerous step back to the days of unrestrained
 nuclear testing and I join with California Peace Action and Tri-Valley
 CAREs to oppose any move to "enhance" U.S. readiness to conduct full-scale
 tests.

7/35.01 | 6. Mixing Bugs and Bombs: This plan mixes bugs and bombs at Livermore Lab.
 It calls for collocating an advanced bio-warfare agent research facility
 with nuclear weapons activities in a classified area at Livermore Lab. The
 DOE proposes genetic modification and aerosolization (spraying) with live
 anthrax, plague and other deadly pathogens on site at LLNL. This could
 weaken the international biological weapons treaty -- and it poses a risk
 to workers, the public and the environment here in the California.
 Interestingly, this program is listed as part of LLNL's "no action
 alternative" as though it were an existing program -- even though it is
 not yet constructed. Tri-Valley CAREs has brought litigation against it,
 and a federal Judge has issued a "stay" prohibiting the importation of
 dangerous pathogens into the facility while the lawsuit moves forward. I
 join Tri-Valley CAREs in opposing the operation of a bio-warfare agent
 facility at Livermore Lab.

8/04.01 | I believe the DOE plan to introduce new weapons programs into LLNL will
 promote a new arms race and escalate the nuclear danger. Further, the DOE
 proposal to double LLNL's plutonium storage limit to 3,300 pounds and
 triple the amount held "at risk" in any one room increases the
 environmental threat LLNL poses to the people of California. The SWEIS
 propels Livermore Lab in exactly the wrong direction.

9/07.01 | Instead of proposing new weapons projects, DOE should enhance the
 peaceful, civilian scientific capabilities and mission at Livermore Lab by
 proposing new, unclassified programs in environmental cleanup,
 non-polluting and renewable energy, earth sciences, astrophysics,
 atmospheric physics and others. The alternative of a "green lab" in
 Livermore should be pursued instead of the dangerous nuclear weapons
 future proposed by the Site Wide Environmental Impact Statement.

Sincerely,
 Stanley Boydston

Brazil, Mike
Page 1 of 1

-----Original Message-----
 From: Mike Brazil [mailto:mbrazil@ttw.com]
 Sent: Saturday, May 08, 2004 12:29 PM
 To: tom.grim@oak.doe.gov
 Subject: Don't bring more poisons into our towns and cities!

It has come to my attention that the Department of Energy and Laurence Livermore
 National Laboratory plan to greatly increase production of nuclear weapons components
 and bring in genetically modified bio-warfare disease agents. Specifically:

- * Return to full-scale nuclear testing
- * More than double the plutonium limit at the lab
- * Manufacture prototype plutonium bomb cores
- * Shoot laser beams through a plutonium vapor cloud to create a nuclear explosion
- * Manufacture radioactive tritium targets, multiplying the radiation risk
- * Import live anthrax, black plague, and other pathogens

1/04.01

Radioactive particles damage every cell in the body and cause inheritable defects. They
 even damage the steel lab structures. Cancer rates have increased around the lab. It sits
 between two earthquake faults. Ground water is contaminated. Releases drift across the
 country.

If anything, the labs should be moved to a safer, non-seismically active location. There is
 no excuse for putting the public at extreme risk by maintaining operations at the current
 location. Please reconsider your plans to increase these dangerous activities at Lawrence
 Livermore and instead move your operation to a location where it does not present any
 danger to local communities.

Mike Brazil
 TTW
 530-274-6593
 mbrazil@ttw.com

Brechin, Vernon
Page 1 of 2

Tuesday, April 27, 2004

Vernon Brechin
255 S. Rengstorff Ave. #49
Mountain View, CA 94040-1734

Mr. Thomas Grim, Document Manager
National Nuclear Security Administration
Livermore Site Office, L-293
7000 East Avenue
Livermore, CA 94550-9234
(925) 422-0704

RE: Draft LLNL SW/SPEIS

Dear Mr. Grim:

1/31.02 Thank you for this opportunity to comment on the "Draft Site-wide Environmental Impact Statement for Continued Operation of Lawrence Livermore National Laboratory and Supplemental Stockpile Stewardship and Management Programmatic Environmental Impact Statement" (DOE/EIS-0348, DOE/EIS-0236-S-3), February 2004. Most reviewers would find it impossible to, comprehensively, review the summary booklet and three volumes within the allotted comment period. My comments will cover less than 1% of the issues presented in this multiple component EIS document.

2/08.01 As I expected I ran across many examples of the fine art of omission. Here are just a couple of them. Clearly, the primary driving factor behind this plan is existing administration policy. At the end of Section 1.6.1 it states that scoping comments requested that the LLNL SW/SPEIS should address LLNL activities at other sites, i.e., nuclear weapons activities at the Nevada Test Site. Then it states "(t)heseg alternatives were considered unreasonable."

3/07.02 Perhaps that response is related to an estimated \$7.29 trillion of environmental damage that was rendered to the underground nuclear explosion testing portions of the NTS. Most of those tests were performed under the sponsorship of LLNL and LANL. If the present administration has its way this lab will likely resume full-scale testing at the NTS. This LLNL SW/SPEIS needs to address all aspects of the lab's impact on our environment.

1

Brechin, Vernon
Page 2 of 2

4/26.05

I also noticed some omissions that anyone with a basic understanding of nuclear fission technology should have seen. It appears in Appendix M (NIF) under Section M.5.3.13.1 Radionuclide Materials Management. Table M.5.3.13.1-2, titled Estimated Maximum Mobilizable Radionuclide Inventories (Proposed Action) is very poorly formatted and is missing large numbers of fission product radioisotopes. Many of those missing radioisotopes can be extremely harmful if released into the general environment. These include key isotopes such as cesium-137 and strontium-90. This type of omission needs to be rectified in many of the LLNL SW/SPEIS's tables and the public deserves an explanation as to why these were omitted and how these omissions damaged the impact analysis that was performed.

5/06.01

I urge the selection of the Reduced Operation Alternative though it fails to address our nation's addiction with nuclear weapons of mass destruction and this alternative fails to comply with the overwhelming sentiment of members of the public that commented on the scope of LLNL's plans.

I will provide further comments later. I hope you will take these and other public comments seriously, even if it requires the creation of a new series of EIS's or a change of existing policy. Thank you again.

Sincerely,

Vernon J. Brechin
Vernon J. Brechin

2